



MDARC #1 LARGE CLUB
OF THE YEAR PACIFIC
DIVISION ARRL 1982

the CARRIER.....

Published Monthly by the Mount Diablo Amateur Radio Club

MDARC FIELD DAY CALL W6CX
Volume XXXI

2M REPEATER

W6CX/R 220 REPEATER
June 1983

W6CX/R MEMORIAL CALL SIGN W6LGW
Issue No. 6

CLUB CALENDAR

June 17 General Meeting
June 20 Board Meeting
July 10 MDARC Club Picnic
more information inside
July 15 General Meeting
July 18 Board Meeting
July 25 Rocky Ridge Repeater Group
meeting at the Church 8 PM
Sept. 29 Rocky Ridge Repeater Group



Meeting Notice

This month's meeting will be held at
the Grace Presbyterian Church
2100 Tice Valley Blvd.,
Walnut Creek

The speaker for the June meeting
will be Guy Gustafson, N6DTU. He is
our FIELD DAY Chairman so I wonder what
his speech will be. COME AND FIND OUT!
EVERYONE IS NEEDED TO MAKE THIS A FUN
FIELD DAY!!!!!!

Nets

"Ya all check in now ya hear!"
Tech Forum/Swap NET
Thursdays 7:30 P.M. 147.66/06
Emergency NET is 146.43 Simplex 7:P.M.
then QSY to 7.735 after roll call Thurs.
Parky NET
Every Night 3895 +/- QRM 10 P.M.
NTS/NCN 3630 KHZ 7 PM daily
slow speed session 8:30 P.M..
NCN/VHF 145.41 MHZ, WA6EUZ/R
CCRA NET Mon. 7:35 P.M. 147.735

EDITOR: Doug Smith, WA6GON P.O. Box 23222, Pleasant Hill, California 94523 0222
Executive Asst: Florence Lortsher Printer: Doug Lortsher, W6KLM

PRESIDENT.....	KA6LSL	Bob Dahl	P.O. Box 868 Pleasanton, CA 94566 846-9458
VICE-PRESIDENT.....	KA6EBF	Joe Simpson	1465 Lawrence Rd. Danville 94526 837-9679
SECRETARY.....	KA6LSK	Carolyn Dahl	P.O. Box 868 Pleasanton, 94566 846-9458
TREASURER.....	W6CPO	Larry Kaye	764 Lisboa Ct., Walnut Creek 94598 933-6357
EMERGENCY COORDINATOR..	KA6IVF	Jim House	1919 Ygnacio Valley Rd #49 WC94598 939-8965
BOARD MEMBER.....	KT6X	Dick Brown	4125 Sacramento St., Concord 94521 676-9048
BOARD MEMBER.....	N6EEQ	Don Bertrand	3515 Honeysuckle Way, Con. 94518 685-3551

DEADLINE FOR THE NEXT ISSUE: Articles, Classified Ads, etc. by June 25, 1983

Next Board Meeting at: Thurman Casey Library 2651 Oak Grove Rd. W.C. June 20, 1983

This edition is not copyrighted. It is OK to quote from us, provided credit is given. Thank You!

MDARC Board Meeting

20 May 1983

Due to the lack of a Quorum for the planned 23 May meeting, a brief meeting was held on this date. Present were: Bob KA6LSL; Joe, KA6EBF; Jim, KA6IVF, and Larry, W6CPO. No new business, only old business was the need for 3 more push-up masts for Field Day.

Respectively submitted
Larry Kaye W6CPO

SISTER CLUB C26

Wendelin, DG2ML enjoyed meeting MDARC Club members on his whirlwind visit of 6 land. Wendelin exchanged eyeball QSL cards with WB6FBI, N6EJU, KA6EBF, KE6BS, WB6TEE and WA6GON. Also enjoying Wendelin's company were Marilyn FBI's YL, EBF's YL. Too bad more club members couldn't join us at the Hyatt in Oakland for our continental dinner. A grand time was had by all despite a few problems with conditions in the restaurant.

The time being what it was, 8:30 PM on Wednesday May 18 we actually had a reasonably good turnout.

Wendelin brought with him greetings from C-26 in the form of card prepared at a C-26 field day the weekend prior to his visit and some very interesting field day instant photo shots.

I met Wendelin at 8AM the following morning for a leisurely breakfast then later a stop at HRO Oakland, where Wendelin met Ken and Greg.

Since DG2ML had to leave SFO at 12:30 PM thursday he could only see San Francisco as we went across the Oakland/San Francisco Bay Bridge. I was really sad I couldn't take a week to show Wendelin around the Golden State. Perhaps he will visit again one day. Camping is one of Wendelin's favorite hobbies and he looks forward to the day he can tour the USA and California on a camping tour with his family. I hope it will be soon.

Personally, it meant more to me than I could express in words that Wendelin took the time to come see us. Reciprocating the wonderful hospitality C-26 showed me when I visited Germany was something I only dreamed of doing. That dream was fulfilled in the warm company of my MDARC friends.

DG2ML made MDARC history, being the first German Ambassador of our sister club's to visit us. His eyeball QSL will be one we who received will always treasure. Thank You Wendelin - OM come back soon!



The President's Corner....

If you missed the May meeting you missed a very informative presentation on satellites by Mr. John Meyer. The importance of satellites in communications is going to have far ranging effects on all of us. I have had the opportunity to visit the Air and Space Museum in Washington, D.C. and the N.A.S.A. Goddard Space Center and Oscar-Amsat facility in Greenbelt Maryland in the past few days. Look for Phase IIIB on line very soon and a rather important decision from the FCC at their meeting of May 26.

The month is June and that means it is Field Day time again. Get your gear in order and come up on the mountain and show what you can do. If you can't make it to the site try to make as many contacts as you can for every-one working Field Day.

With summer vacation time here and the club members traveling far and wide, have a safe journey. Make contact with fellow hams and bring back any information on activities you have had.

73's Bob KA6LSL

Membership

We now have 246 members on the roster. Early in April we had only 212 paid-up members so I sent a reminder to all those who had not rejoined. The 60 letters brought some thirty renewals. An excellent response. Welcome aboard fellows. One was from Royal Mumford W3CU who did not renew but sent a \$10 donation. Says he was first licensed in 1916, WOW. Thanks Royal.

The following call changes have been received:

Cecil Heden from KA6HLY to N6EBQ

Marilyn Schaeffer N6EWG to N6GWG

Address Changes are:

David L. Cannon K6QIA

P.O. Box 66, Twain Harte, CA 95383

Fred Sabott WA6JLF

2701 Pine Knoll Dr. #1, W.C. 94595

Telephone 932-7639

A look through the card file shows we are quite well staffed with members/XYL's who speak and/or write French 8; German 11; Spanish 8; other 5. Other languages include Hungarian, Finnish, Trgalog, Italian, Korean and Sign language.

73 N6GA

CLUB PICNIC

WHEN: Sunday, July 10 from 12 noon to 6 PM.
WHERE: The QTH of Joe Simpson, KA6EBF.
(See map and directions below)

The picnic is for the entire family from grandparents to infants, so bring them all.

Each family should bring their own meat (hot dogs, hamburgers, steaks) to bar-be que. Also bring a hot dish or salad to contribute to the pot luck table. Bring your own eating utensils.

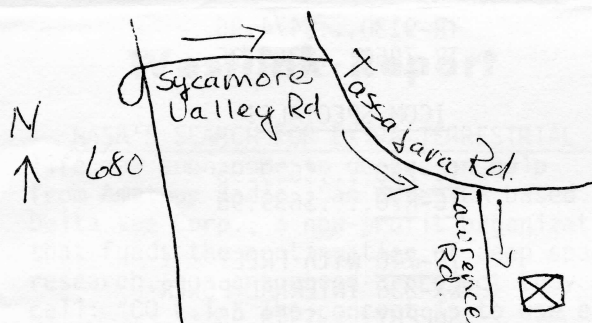
The Club will provide the soft drinks, bar-be-ques, charcoal and watermelon.

Bring your baseball equipment and participate in the baseball game. The Club is looking for a new horse shoe champion. There will also be a frisbee contest.

Listen for us on W6CX 147.66/.06

DIRECTIONS:

Take 680 to Sycamore Valley Rd. Go east to Tassajara Rd. Turn right, continue on past Blackhawk. Turn right on Lawrence Rd. Go about 1 mile to 1465 Lawrence Rd. and turn left.



SEE YOU SUNDAY, JULY 10 AT THE PICNIC!!!
EVERY ONE COME!!!!

Carolyn Dahl KA6LSK
Social Chairman

There will be a Kid's Fishing Contest
Bring your own fishing gear!

Renewing

Renew or start your ARRL Membership through the Club. We earn \$2 for each and it costs you no more. Prompt mailing to ARRL.

Larry Kaye, W6CPO

MDARC General Meeting

Meeting was called to order by Bob Dahl, KA6LSL, our President at 8:10 PM.

Guests were introduced

M.M.S.P. To approve minutes as printed in CARRIER.

V.P. Reported on speakers for upcoming meetings. June is Field Day!

TREASURER - Approximately \$2100 in checking, bills for CARRIER are current, membership almost at goal.

SECRETARY - In Carol's absence, Bob read ARRL Certificate on public service, letter from Royal Mumford, told of article reprinted from CARRIER in ARRL quarterly Newsletter.

E.C. - Report on CDF VIP Aircraft Patrol, June 4 meeting

SOCIAL - Picnic is July 10 at Joe Simpson's Guy, KE6BS and Joe KA6EBF reported on dinner with Wendelin from Germany.

MEMBERSHIP - 243 Paid members. 50% response to mailer.

AWARDS - Suggestion to make Walnut Festival operation a special events station. Will forward to Don, NI6A.

FIELD DAY - Meetings each Monday in June.

Following a short break we were presented with an excellent and informative talk on the Camp Parks Satellite Tracking Station. John Meyer, the speaker was given a framed certificate at the conclusion of his talk.

Meeting was adjourned following door Prizes.
Respectively Submitted
Larry Kaye, W6CPO

Deadline Announcement

For your convenience, CARRIER article deadlines through Dec. 1983 are the following: (flexible)

June 25	November 25	August 27
July 29	December 28	September 28
		October 28

Public Service

PUBLIC SERVICE ACTIVITIES

March of Dimes, April 24

Larry Kaye organized and directed this operation. Weather was bad, and the Walk America directors cancelled the walk shortly after it commenced. Amateur radio communication was crucial to halting the march of 1700 participants safely.

Operators for the event were: Frank N6GQ, Bert KA6AEV, Miles W6QEN, Dick KT6X, Clay WD6GDG, Nancy KA6IZI, Bob KA6ODX, Betty Lou KB6UX, Joe KD6DY, Steve W6HAM, and Larry W6CPO.

Congratulations to all for good work.

HUMAN RACE, Lafayette Reservoir
Saturday May 7

Weather was favorable for this one. Betty Low, KB6UX was net control. We were especially pleased that Doug Lortsher, W6KLM, was able to participate. Other operators were Douglas Lortsher Jr. KA6DPW, Jim House KA6IVF, Bert Muller KA6AEV, and Ryan Hodgson KA6IVG.

MT. DIABLO HERITAGE ENDURANCE RIDE
Sunday, May 8
Dave Greenhill arranged this event.

PLEASANT HILL COMMUNITY FIESTA

On Saturday, May 14, a portable VHF station was operated at College Park High School in Pleasant Hill as part of the Pleasant Hill Community Fiesta. The role of Amateur radio in providing emergency communications for the American Red Cross, for the California Division of Forestry in Red Flag patrol fire watch, and other auxiliary communications was advertised by signs and pamphlets. The station shared a table with the Diablo Chapter American Red Cross and was adjacent to the county Office of Emergency Services exhibit.

The station was operated by WA6DQN, W6LKE and N6EEQ. KT6X assisted in setting up the exhibit and station and W6CPO provided Forestry signs. WB6TEE spent much time on the air attempting to recruit operators to assist with the project.

A major problem with operating the station from this location was the competition of adjacent brass bands, which produced fine music but were hard to read signals through. Another problem noted was the absence of any signs or material referring to RACES or explaining the function of this organization.

Ham Radio Outlet

2811 Telegraph Ave.

Oakland, CA 94609

(415) 451-5757

999 Howard Ave.

Burlingame, CA 94010

(415) 342-5757

Hours: 10 AM to 5:30 PM Monday-Saturday

IN STOCK

KENWOOD TS-830S

KENWOOD TS-530S

KENWOOD TS-430S

KENWOOD TS-930S

ARC DEVIATION METER
ON SALE \$49.95

KENWOOD SPECIALS!

TR-2500...\$299.95

TR-3500...\$299.95

THE TWO ABOVE COME WITH
FREE PB-25H 490 MAH
BATTERY PACK!

TR-9130...\$474.95

TR-7950...\$359.95

ICOM SPECIALS!

IC-730....\$639.95

IC-R70....\$639.95

IC-740 with FREE
EX-238 INTERNAL POWER
SUPPLY....\$949.95

AND A \$50 REBATE
DIRECTLY FROM ICOM
(EXPIRES JULY 31, 1983)

OUR ONLY BUSINESS IS HAM RADIO!

HAM RADIO OUTLET STORES
HAVE THE LARGEST
AMATEUR RADIO INVENTORY
IN NORTHERN CALIFORNIA

BART-TO-BART run, Concord, May 22
Clear sunny weather made this a warm race for the runners. Four club members turned out to provide communications. Frank, N6GQ, saw the run twice, from miles one and five of the course. Betty Lou, KB6UX, Clay, WD6GDG, and Joe, WA6DQN also were there.

Because of lack of operators, we were obliged to cancel our arrangement to provide communications to the Clayton Valley Run, sponsored by the We Care Treatment Center of Concord. This event was held on the same day and at the same time as the BART-TO-BART race. Its sponsors were disappointed in not having the expected radio communication and annoyed that they were not informed that we could not furnish it until the day before the run.

BART

when it was too late to make other arrangements. I deeply regret that mishandling this incident has damaged the reputation of the MDARC for providing dependable communications for public events.

A report on the Danville Junior Horsemen's Ride for Research will appear in the July CARRIER.

Joe WA6DQN

Westlink Report

NASA'S SEARCH FOR EXTRA TERRESTRIAL

life may soon come to depend on help from Amateur Radio. San Jose, CA based Delta Vee Corp., a non-profit organization that funds the continuation of deep space research, has announced a project they call: "CQ E.T." The concept is to use existing Ham Radio stations to re-start the recently discontinued NASA "SETI" (Search for Extra-Terrestrial Intelligence) program. Budgetary restraints on the Federal Government forced a halt to "SETI" this fiscal year, and it is unknown at this time whether or not Congress will approve funding in the next budget to resume this official NASA project. Delta Vee is, therefore, taking on the "SETI" responsibility and will provide funding assistance to bona fide Amateurs who have the necessary expertise to assist in the program. Information on the "CQ E.T." project is available by writing: Delta Vee, Inc., ETC Dept., 3033 Moorpark Avenue, Suite 27, San Jose, CA 95128. Donations to Delta Vee programs, including their continued funding of the Viking Lander, are also appreciated.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

CARRYING

TUNERS, KEYERS, BOOKS

TRANCEIVERS ANTENNAS

TRANSMITTERS RECEIVERS

AND ALL SORTS OF ACCESSORIES

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

The Editor's Space

The CARRIER is YOUR Club paper. Time constraints prohibit me from covering many areas of interest to Club members. Take a few minutes and write a brief article for the CARRIER. More input from you means fewer guest articles and more member contributions. Here's some ideas:

- (1) Equipment reviews: something you own and have experience with.
- (2) Yourself and a picture of your station.
- (3) Other radio Clubs you belong to.
- (4) Humor
- (5) Cartoons
- (6) Editorialize
- (7) The part of ham radio that interests you most.
- (8) SWL'ing
- (9) Recipes!
- (10) Number games
- (11) Vacation experience/DX-peditioning
- (12) Hints & Kinks, building projects
- (13) Computers
- (14) RTTY
- (15) Ham history-the good old days.
- (16) The present.
- (17) Club activities

and many more

73 Ed

RACES/ARES

HAMS RESPOND PRONTO TO MEDICAL CARE CRISIS
by Dave Tyler, N6DRT

Suppose they called a CODE BLUE emergency in your local hospital and nobody came to help the patient? That crisis was successfully avoided at Pittsburg, California's Los Medanos Hospital on April 26th and 27th because local radio Amateurs substituted for that hospital's internal telephone system which had failed completely.

Bill Van Voorhis, WA6ZFZ, Emergency Coordinator for ARES/RACES in the eastern reaches of Contra Costa County received a call from The East Bay Section Emergency Coordinator, Dwayne Eskridge, W6LKE, asking that local RACES units be activated immediately and go to Los Medanos Hospital to replace the "crashed" internal phone system. Van received that call at 3:07PM and put a call for help on the local two meter simplex frequency. At 3:24PM the first four hams arrived at the hospital accompanied by Van, their E.C. Before 4:00PM, internal communications had been restored in the hospital via an Amateur two meter radio system.

Fortunately, the hospital's internal paging system could still be operated from the central communications room. This facility became the hub of the Amateur Radio system. An Amateur operator was stationed "back to back" with the hospital's own page operator. The "page" two meter station was in communication with all high priority locations elsewhere in the hospital, each now provided with an Amateur and two meter rig: the Emergency Room(ER); Intensive Care Unit; Surgery; OB; Nursing Supervisor; and the Nurse's Stations on the third and fourth floors. Hospital staff and administrators were all extremely impressed with how swiftly and efficiently the local Amateurs responded to their communications crisis.

The Amateurs, themselves, were a little surprised at how smoothly skills they had learned in flooding and fire disasters were transferred to this new situation. The only small hitch was that some of them had to be told that "Stat!" is medical jargon for "immediately!"

On the day the internal phones collapsed, the first Amateurs on the scene were: WA6ZFZ, WB6UMT, N6QS, WA6GFT, and WB6JDO. These were followed that afternoon and evening by: WB6EZI, KE6RV and WB6FBI. Operations the first day were secured at 10:00PM. as traf-

fic was very light by that hour. At 7:45 the next morning the hams resumed the operations at all the posts staffed the day before. The same Amateurs provided communications that day, except that the last two hams listed above were replaced by WA6YVH, WD6GDG, and N6EIK who served for all or part of the second day.

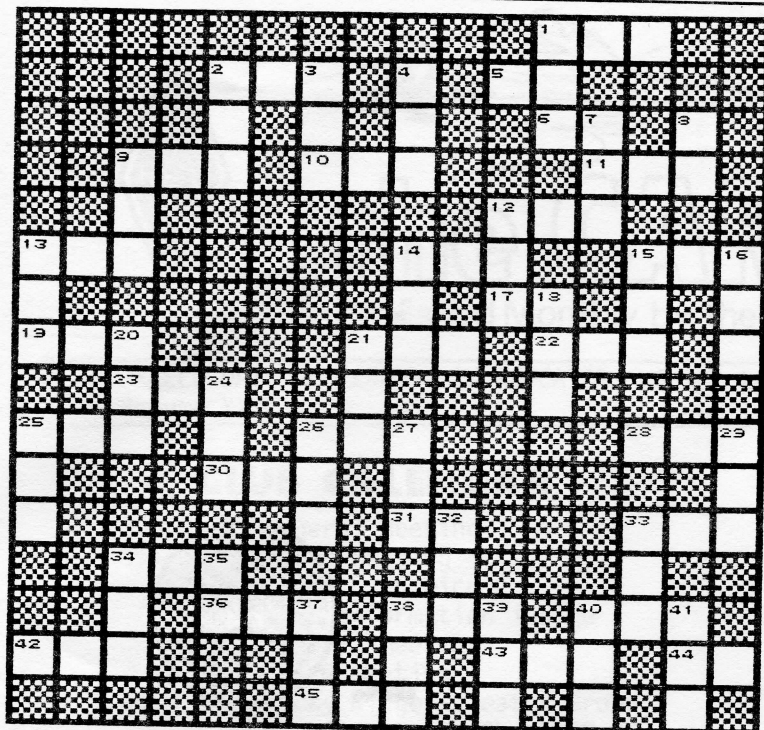
As it happened there, indeed, was a "CODE BLUE in the ER" call while hams manned the internal "phones." WB6UMT was the page radio operator at the time. Van was explaining the Amateur operation to a "visiting fireman" (this author, an E.C. in West Contra Costa County) at "UMT's" elbow when the call came in on ham radio from the "ER". The call was passed immediately to the hospital paging operator by "UMT" was broadcast on the P.A. system within ten seconds of the transmission from the ER.

During the two day Amateur Radio performance at Los Medanos service personnel from the internal phone system vendor were working constantly to repair that system. The internal phone system was restored to operation at 4:15PM of the second day. All Amateur Radio operators were secured by 4:30PM.

The swift response by Van and the other Amateurs provide several lessons. First, Amateurs in their area consistently monitored a single calling and alerting frequency. Second, close rapport between the SEC, EC's and county Office of Emergency Services and the county Sheriff's Office gave those officials the confidence to call on the local ARES/RACES group to "bail out" the hospital's communication system when the need arose. And, most of the Amateurs who so successfully carried off the task were people who regularly take part in the local Amateur Radio emergency training sessions and nets, enough certainly to set the example for those with less training and experience.

CONGRATULATIONS are in order for all who took part.

The art of giving advice is to make the recipient believe he thought of it himself.



PARKY NET #1

By ART
VE2AQV

This month's puzzle centers around the Parky Net users. To solve this crossword just enter the suffix of the callsign that addresses the clue given. Not being well informed of the personalities of the net, this month's puzzle was created with carefull guidance of Bob Moore, W6GZC.

If anyone has an idea for a "Theme" of a crossword puzzle, give me a call.

73, Art Mayoff, VE2AQV/W6

ACROSS CLUES

1. "PARKY NET CHALLENGE"
FAIR WEATHER SAILOR. CHECKED IN
OFTEN WHEN HE NEEDED PHONE PATCH
2. TOM'S WIFE
5. A GUY IN SAN RAMON.
6. SCUBA DIVER WITH A FIFTH WHEELER.
CATCHES CARP IN EDMUD'S RESERVOIR
9. TRADED BIG BERTHA TO CUP. HIS XYL
PLAYS MUSIC.
10. RCMP FUGITIVE WHO WATCHES THE
BIRD. HASN'T CHECKED IN FOR OVER
A YEAR.
11. BEST RTTY DX IS A22BW. BOWLS A
HELL OF A GAME.
12. FIRST EDITOR OF THE "CARRIER". HE
HATES RADIO.
13. REALLY WAS SANTA CLAUS.
14. IS JOE RUDI ON FREQUENCY?
15. HAIL TO THE CHIEF.
17. MEMBER OF THE UNDER-GROUND RADIO
CLUB IN ROSSMOOR. HAS A DIS-
APPEARING ANTENNA & LOVES GOLF.
19. RETIRED TAXI DRIVER NOW LIVING IN
THE SIERRAS.
21. PARKY'S "EXTRA" CALL.
22. FRAN'S HIS CO-PILOT.
23. HAS A SUPPLY OF ROCKY MOUNTAIN
OYSTERS. LOVES TO PICNIC.
25. CALLSIGN LICENSE PLATE LOOKS LIKE
A WAGON.
26. FIRST CLUB MEMBER TO USE A
COMPUTER AT THE CLUB AUCTION.
28. VAL'S OLD CALL.
30. HIS WIFE'S NAME IS FRENCHIE.
LIVES IN THE SOUTHLAND.
31. MOTORCYCLE JOE THE CONTRACTOR.
33. SMILE! SAY CHEESE! HOLD IT!
34. FREE-LANCE WRITER IN MONTEREY.
LATEST BOOK IS "HOW TO TALK LIKE
A PRO."
36. MR. WINDMILL.
38. PICKED UP THE TAB FOR THE OUT OF
TOWN GUESTS AT THE BUTTERCUP
PANTRY APRIL 21ST.
40. FLYS THE BIG BIRDS. LIVES IN
SOUTHERN CALIFORNIA.
42. KILROY WAS HERE. DONATED THE KIL-
ROY KEY AWARD TO THE CLUB.
RECENTLY MOVED TO PALM SPRINGS.
43. "J. EDGAR'S" RIGHT HAND MAN. ALSO
TAUGHT AT JFK UNIVERSITY.
44. THREE BROTHERS, NOT HART,SHAFTNER
AND MARX.
45. CLIMBS TOWERS SAFELY, BUT FALLS
OFF LADDERS. OLD AND BALD, BUT WE
ALL LOVE HIM.

DOWN CLUES

1. CHARTER AND LIFE MEMBER OF THE
CLUB, NOW LIVING IN OREGON.
2. HELEN'S LITTLE BOY HAS A GREAT
RIG BUT NO ANTENNA.
3. GENTLEMAN RANCHER.
4. FOUR, ---E, SIX.
7. PHOTOG WHO USES BOAT ANCHORS ON
CW & RTTY.
8. GEORGE'S BETTER HALF.
9. THE TRUTH IS THAT HE REALLY WAS A
SHIPMATE OF PARKY, AND NOT
PARKY'S DAD.
12. JOE'S PR MAN. CALLBOOK THINKS HE
LIVES IN CONCORN, (NOT CONCORD)
WITH A ZIP OF 94523. (????)
13. HAS BEEN PUTTING UP WITH A 39
YEAR OLD FOR ALMOST 39 YEARS.
14. BILL FROM TRACY.
15. HAS A REPEATER IN CONFIDENCE.
LOVES RTTY. TRAVELLED GREATEST
DISTANCE FOR CHEAP WHITE WINE.
16. KNOWS THE PRESIDENT INTIMATELY.
18. NOT ACTIVE ON PARKY NET, BUT IS
"THE BASE STATION'S" BEST GO-FER.
20. DOVIE'S LOVIE.
21. HIS WIFE BEATS HIM REGULARLY (AT
GOLF) CLIFF THINKS HE OWNS PG&E.
24. FIXED PORTABLE FROM SANTA CRUZ,
BUT LIVES IN PLEASANT HILL. SAC-
RIFICED ROAST TO ETHER GOD.
25. NOT ACTIVE ON THE PARKY NET, BUT
THIS FINE CLUB MEMBER'S NAME IS
CLAYTON.
26. RUMOR HAS IT THAT HE IMPORTED
CRIME FROM IRVINE TO IMPRESS THE
CITY COUNCIL WITH HIS GOOD WORK.
27. K1 LIVING IN PLEASANT HILL.
29. NOT ON PARKY NET. PAST TREASURER
OF ROCKY RIDGE REPEATER GROUP.
32. NO GRASS GROWS UNDER HER FEET.
UNLIKE HER SON, SHE'S ON THE AIR
WHEN SHE'S HOME.
33. NOT ON PARKY NET. COMMUNICATIONS
COORDINATOR FOR THE TRAIL RIDE
LAST APRIL.
34. FISH STORY TELLING COWBOY FROM
PHOENIX.
35. UNTRUE RUMOR IS THAT HE IS A BOX
BOY AT SAFEWAY, BUT ONCE WAS
GREASY, TIRED AND DIRTY.
37. LOVED SELLING PANCAKES, HIS CB
HANDLE WAS FLAPJACK. NOW RETIRED
AND LIVES ON LIME-RIDGE.
38. HAM OF THE YEAR, 1982.
39. CLUB'S FAVORITE PRINTER.
40. WORKS ARVE AND RUBY IN TENNESSEE.
HOLDS RECORD FOR TALKING CX'S
TIMER OFF.
41. SAME AS 27 DOWN.



ANNEE MONDIALE DES
COMMUNICATIONS
WORLD COMMUNICATIONS
YEAR
ANO MUNDIAL DE LAS
COMUNICACIONES



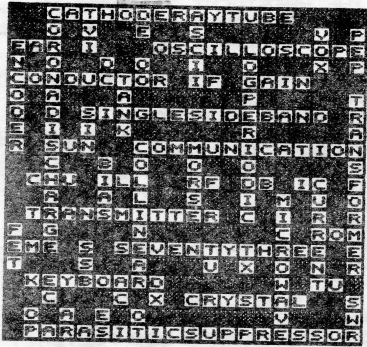
OK@EE

From:
 Mr. Diablo Amateur Radio Club, Inc.
 P.O. Box 23222
 Pleasant Hill, Calif. 94523
 Affiliated with the ARRL
 Affiliated with the American Red Cross

miscellaneous

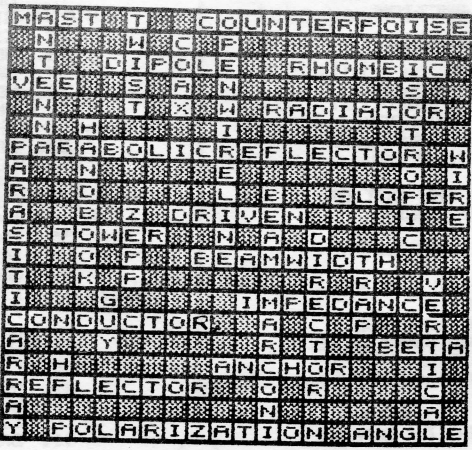
June answer

ANSWERS



April answer

ANTENNA CROSSWORD



May answer

